

Revisions

216695

A

LAL	Rev.	Description	1	Chk	Date	Approved
	A	ENGRG RELEASE			11-4-77	R Freeman

THIS DOCUMENT CONTAINS 13 SHEETS.

Dist Code SPG

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Notes Unless Specified

Drawn *11-4-77*Xerox Corporation
El Segundo, California**XEROX**

1. Tolerances
.XX ±.03 Angular
.XXX ±.010 ±½°

2. Break All Sharp Edges
.010 Approx.

3. Mach. Surfaces

4. All Dim. in Inches

Check

Appr. *R Freeman* 11-4-77

Material

Title *XM*ASSEMBLY, PRINTED WIRING-
CONTROL BOARD
(1K EXTN MEM)

I No. Use	Finish	Code Ident.	Size	Dwg. No.	Change Letter
ALTO II		18338	A	216695	A
Next Assy. First Use	216302	Scale -	Do Not Scale Drawing	Sheet 1 OF	

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLE PER ALTO II MODULE SPEC, DWG NO. 216207.
2. THE FOLLOWING MODIFICATIONS ARE REQUIRED USING "B" REVISION PRINTED WIRING BOARDS.
 - 1) CUT ETCH TO U10 PIN 4.
 - 2) U36 PIN 1. (BOTH ETCH LINES).
 - 3) U36 PIN 2.
 - 4) U36 PIN 13.
 - 5) U36 PIN 3.
 - 6) CUT ETCH TO U41 PIN 1. (BOTH ETCH LINES).
 - 7) ADD JUMPER FROM U36 PIN 1 TO U25 PIN 7.
 - 8) U36 PIN 2 U25 PIN 5.
 - 9) U36 PIN 3 U25 PIN 2.
 - 10) U36 PIN 13 U25 PIN 10.
 - 11) U36 PIN 5 U10 PIN 4.
 - 12) U17 PIN 4 U7 PIN 3.
 - 13) U7 PIN 4 U41 PIN 1.
 - 14) U40 PIN 1 U43 PIN 1.
 - 15) ADD JUMPER FROM U25 PIN 6 TO U38 PIN 10.
 - 16) CUT ETCH BETWEEN PIN 109 AND FEEDTHRU UNDER U9. (ETCH SIDE).
 - 17) PIN 108 FEEDTHRU. (ETCH SIDE).
 - 18) PIN 107
 - 19) PIN 106
 - 20) PIN 105
 - 21) PIN 62
 - 22) CUT ETCH BETWEEN PIN 63 AND FEEDTHRU. (ETCH SIDE).
 - 23) ADD JUMPER FROM U11 PIN 1 TO U11 PIN 2 TO U17 PIN 1.
 - 24) U11 PIN 4 U11 PIN 5 U17 PIN 2
 - 25) U11 PIN 11 U11 PIN 12 U17 PIN 3.
 - 26) U11 PIN 14 U11 PIN 15 TO U17 PIN 5.
 - 27) U11 PIN 7 U11 PIN 8.
 - 28) U11 PIN 3 PIN 105.
 - 29) U11 PIN 6 PIN 106.
 - 30) U11 PIN 10 PIN 107.
 - 31) U11 PIN 13 PIN 108.
 - 32) ADD JUMPER FROM U16 PIN 15 TO PIN 109.
 - 33) INSTALL MICROCIRCUIT 74S00 IN LOCATION U11 PINS 1-7 & 10-16.

3 RUBBER STAMP "1K EXTN MEM." .12 HIGH, WHITE CHARACTERS.

4 RUBBER STAMP "ASSY 216695" .12 HIGH, WHITE CHARACTERS.

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Title
ASSY, PRINTED WIRING-
CONTROL BOARD
(1K EXTN MEM.)

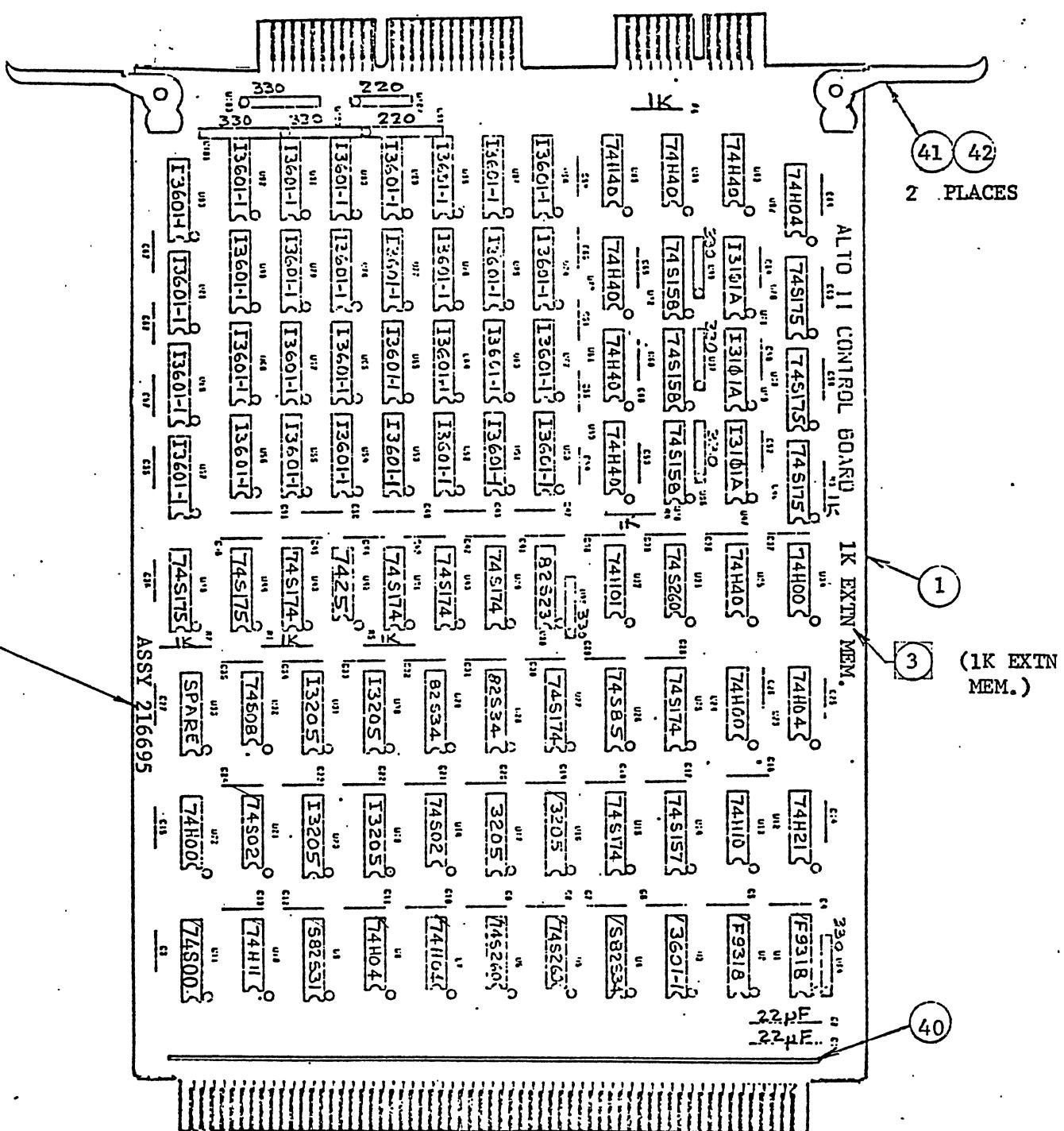
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Title
ASSY, P.W.-
CONTROL BOARD
(1K EXTENDED MEMORY)

Xerox Corporation
El Segundo, California

XEROX

216695

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Material List

ML	Drawing No. 216695	Rev. A
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Drawing No.	Drawing Title	These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.		
		Model No. EWO 7YF92	Date 3/5/76	Sheet 4 of
Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
1	Board, Printed Wiring- Control Board	216375	1	
2	Procedure, Test	216374	REF	
3	Spec, Module Assembly	216207	REF	
4	Microcircuit, 74S00		1	U11
5	Microcircuit, 74H00		3	U22,24,34
6	74H01		1	U37
7	74S02		2	U18,21
8	74H04		4	U7,8,23,82
9	74S08		1	U32
10	74H10		1	U13
11	74H11		1	U10
12	74H21		1	U12
13	74H40		7	U35,49,60,73,83,84,85
14	74S85		1	U26
15	74S157		1	U14
16	74S158		3	U48,60,72
17	74S174		7	U15,25,27,39,40,41,43
18	74S175		5	U44,45,46,58,70
19	74S260		3	U5,6,36
20	I3101A Intel		3	U47,59,71
21	I3205 Intel		6	U15,17,19,20,30,31
22	I3601-1 Intel		33	U3,50-57,62-69,74-81,
23				86-93,
24	7425		1	U42
25	82S23 Signetic		1	U38
26	82S31 Signetic		1	U9
27	82S34 Signetic		3	U4,28,29
28	Microcircuit, F9318 Fairchild		2	U1,2
29				
30				
31	Capacitor, .01μF, 50V	188483-002	70	C3-72
32	Capacitor, 22μF, 15V, Tant.	187720-005	2	C1,2

Material List

ML	Drawing No. 216695	Rev. A
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Model No. EWO 7YF92	Date 3/8/76	Sheet 5 of 10
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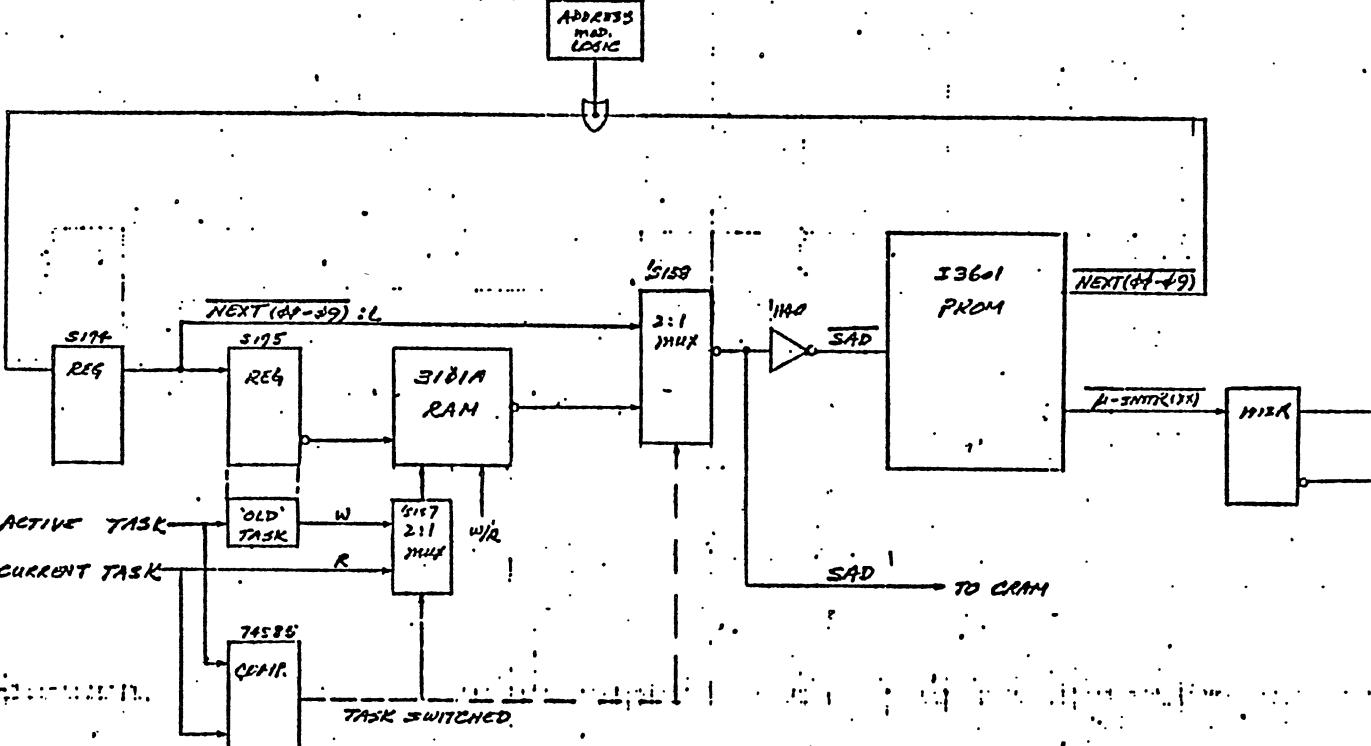
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Title
ASSEMBLY, PRINTED WIRING
CONTROL BOARD
(1K EXTN MEM.)

Xerox Corporation
El Segundo, California

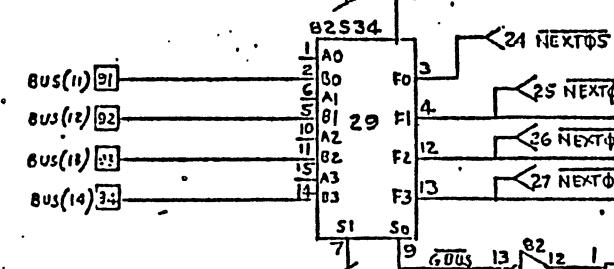
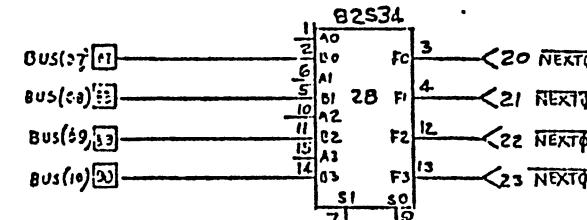
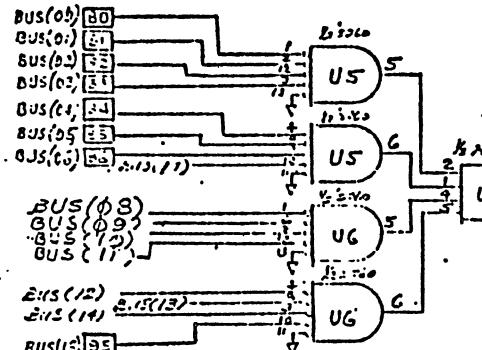
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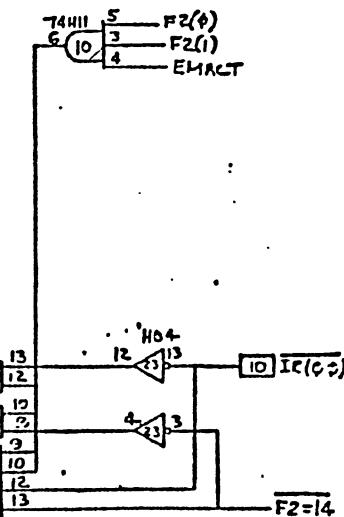
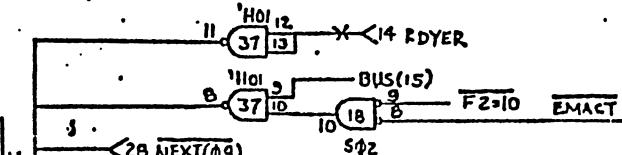
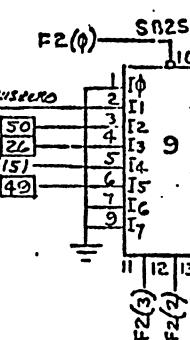


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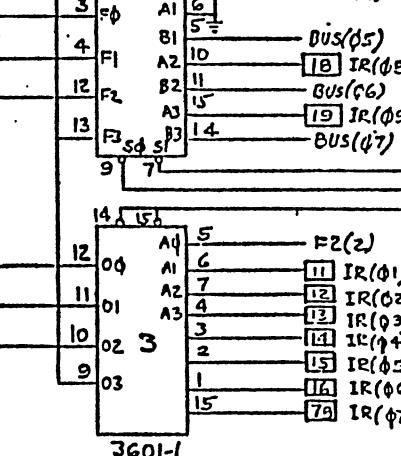
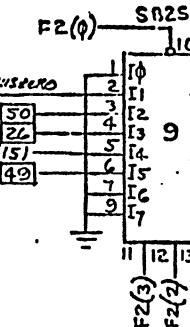
Title ASSEMBLY P.W. CONTOL BOARD (1K EXIN MEM.)		Xerox Corporation El Segundo, California	XEROX
Sheet	7	01	A



ADDRESS MODIFIERS



EMULATOR ADDRESS MODIFIERS



3601-1

BUS(0b) 7-11101

ADDRESS MODIFIERS

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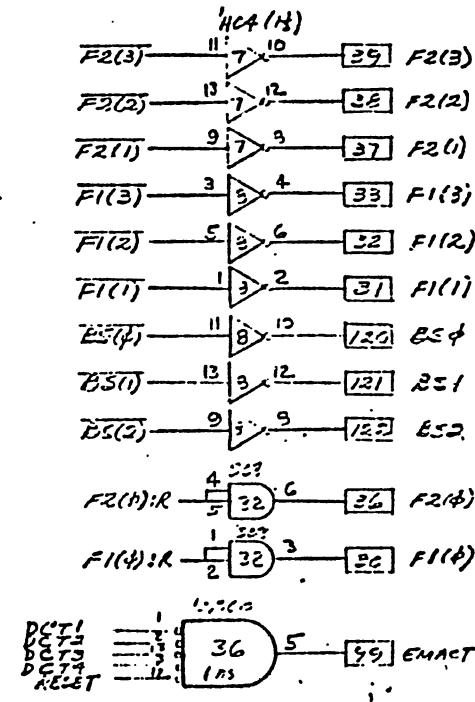
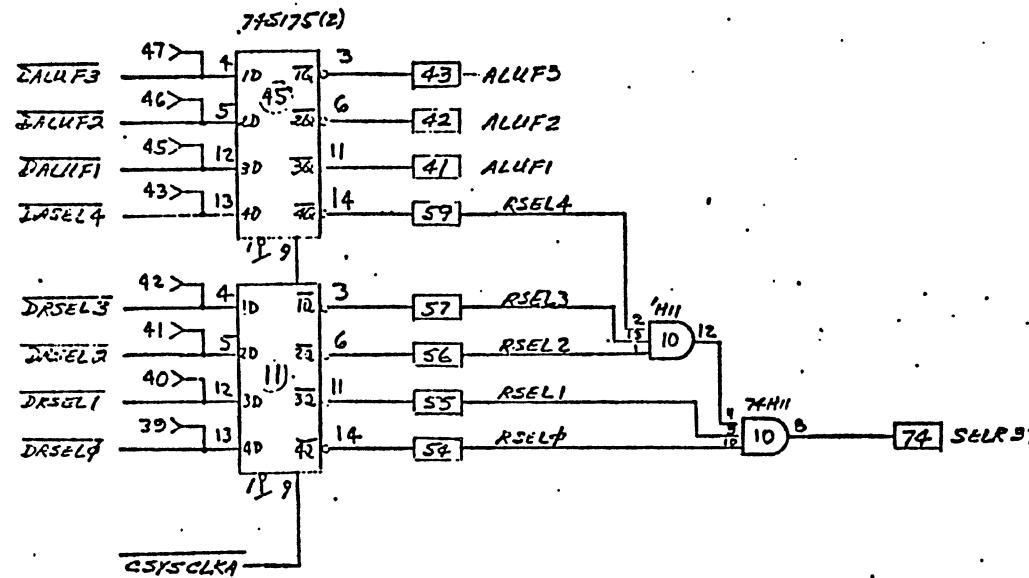
Title
ASSEMBLY, P.W.-
CONTROL BOARD
(1K EXTN MEM.)

Xerox Corporation
El Segundo, California

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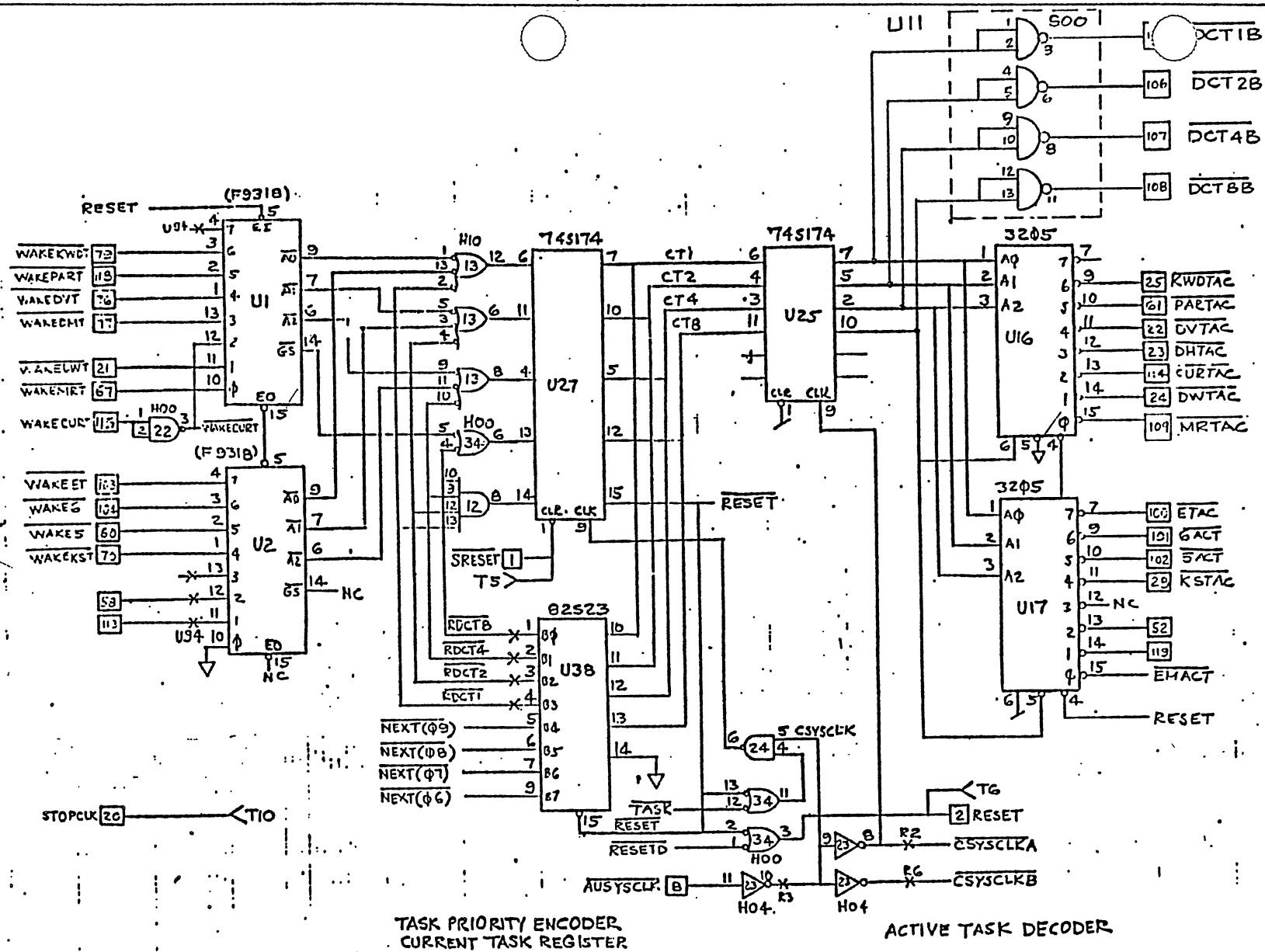
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**CONTROL BOARD
(1K EXTN MEM)**

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El Segundo, California
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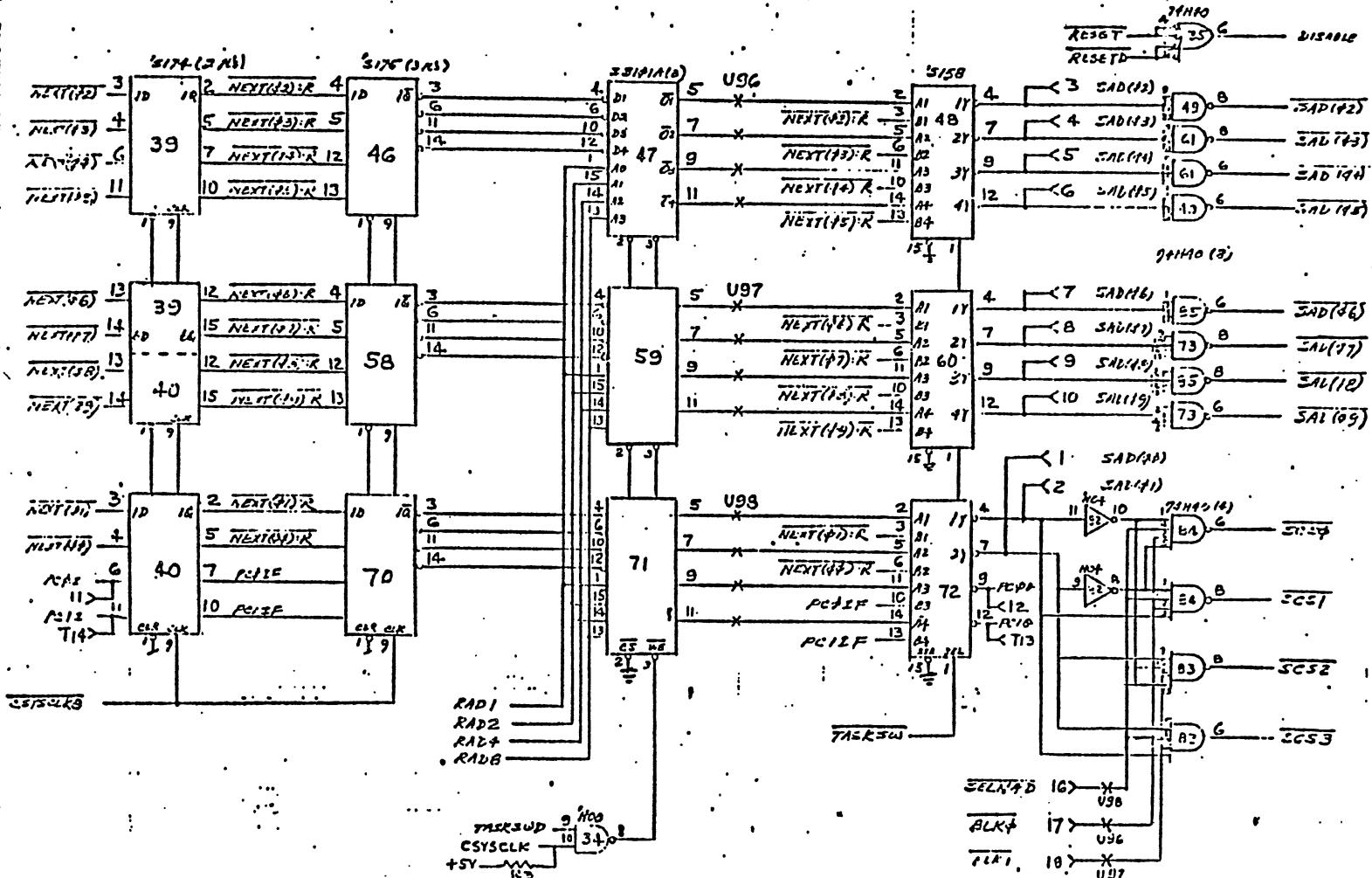
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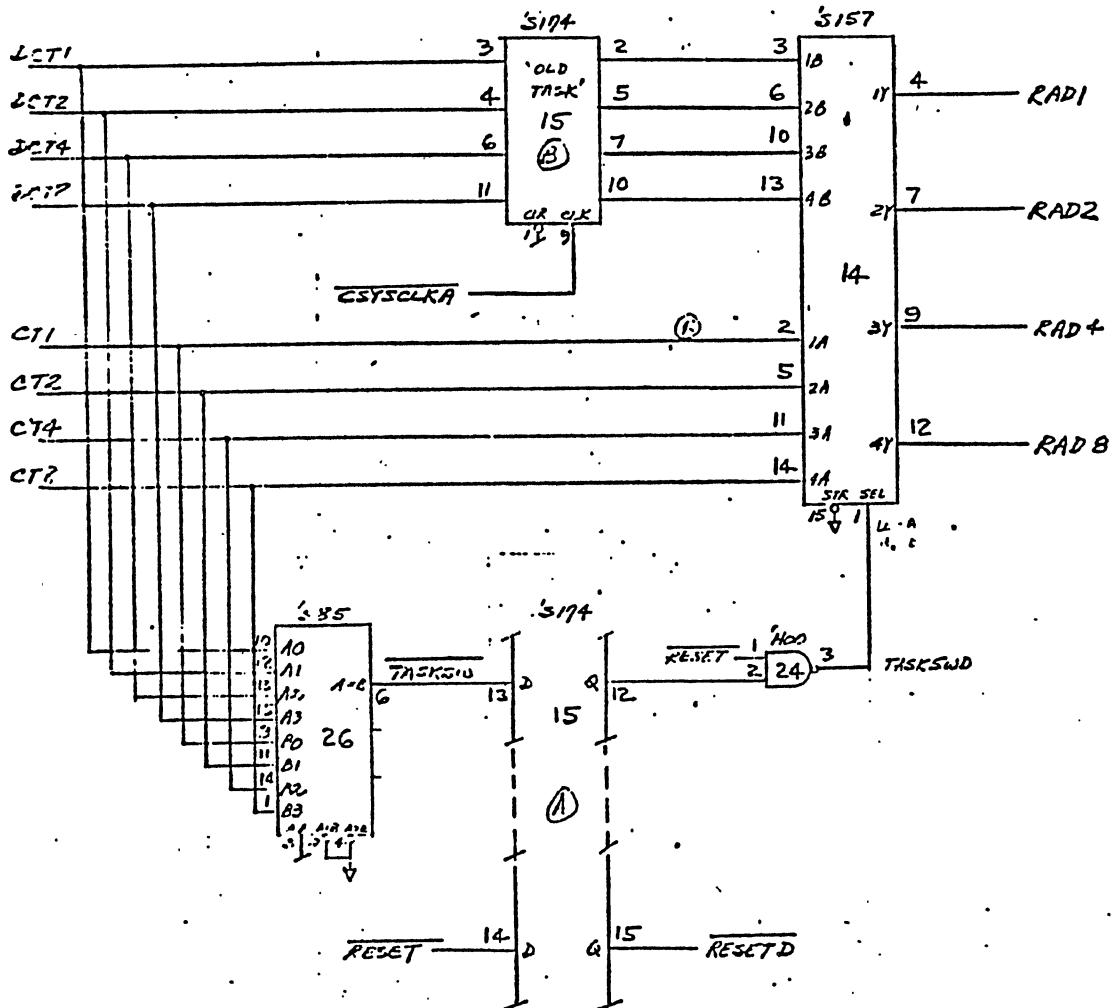
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(1K EXTN MEM.)

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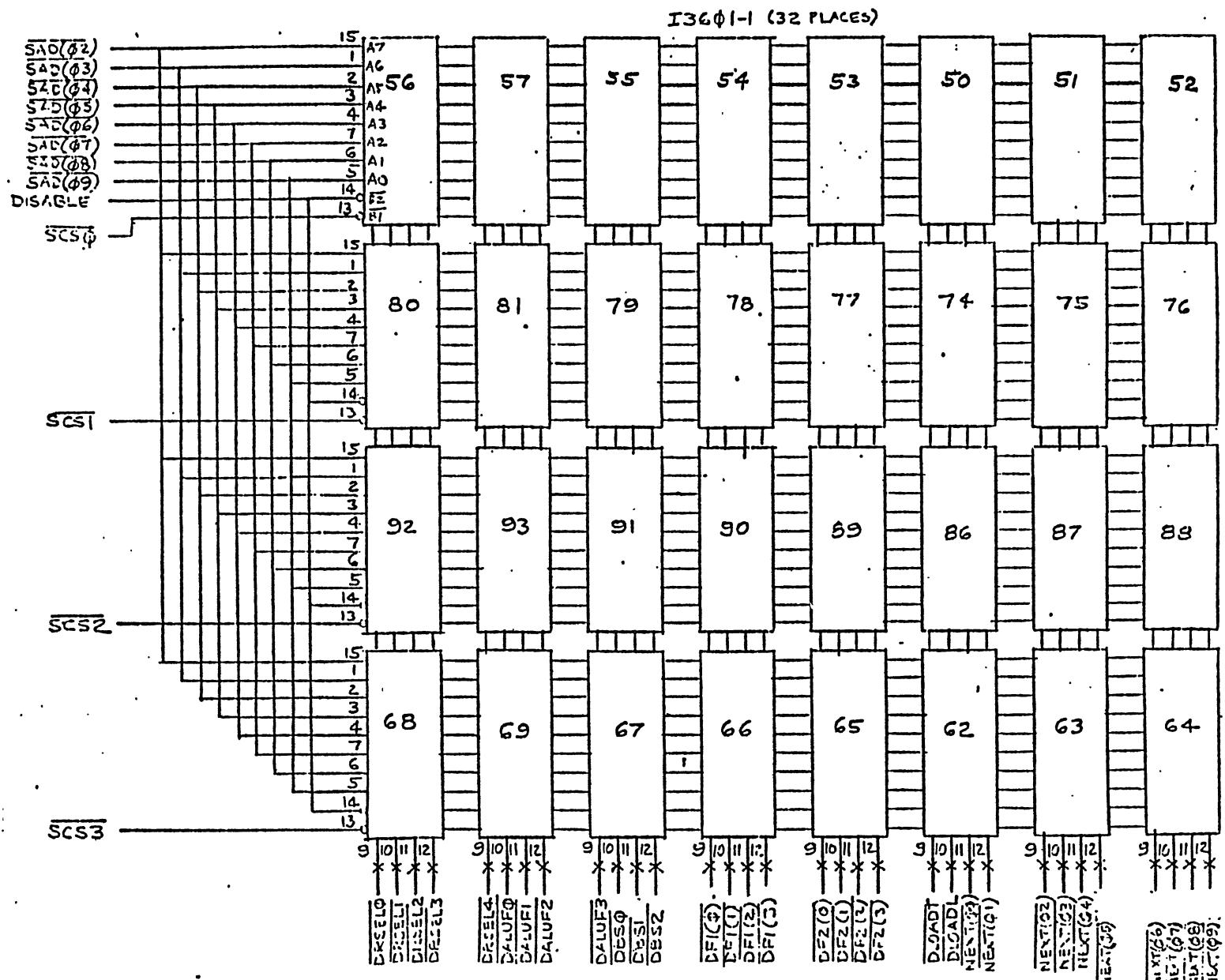
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Street --- 12.01

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